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Title: JP6302313A2: SEPARATOR FOR SEALED LEAD-ACID BATTERY

Country: JP Japan

Kind: A

Inventor: HORIMOTO KOJI;
NAKAMARU MAKOTO;
TANAKA YOSHITAKA;

Assignee: MITSUI PETROCHEM IND LTD
G S KASEI KOGYO KK
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Application Number: JP1993000086562

IPC Code: H01M 2/16; H01M 10/06;

Priority Number: 1993-04-13 JP1993000086562

Abstract:

PURPOSE: To make a separator which is excellent in its performance such as preservation of electrolyte, etc., and is low-cost, light and high-capacity by using synthetic pulp, which has filtration in specified range, and three-dimensional winding shrinkage type of composite fibers as nuclei.

CONSTITUTION: A bulky sheet is obtained by using specified physical synthetic pulp and eccentric sheath core type of three-dimensional winding shrinkage type or side-by-side type composite fibers by 5 to 60wt.%. That is, paper is wetly made of 30 to 90wt.% synthetic pulp not less than 0.1sec/g and not more than 1.0sec/g in filtration, 5 to 30wt.% binders, which can bond pulp at a temperature lower than the fusing point of the synthetic pulp or decomposition temperature, 5 to 60wt.% eccentric sheath core type of three-dimensional winding shrinkage type or side-by-side type composite fibers, and 40wt.% or less reinforcers. And, the apparent density of the obtained bulky sheet is 0.15g/cm³ or less at load of 200g/cm².

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Family: None

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